



ifw 1645
B193

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/677,752	
	Filing Date	10/03/2000	
	First Named Inventor	W. James Jackson, et al.	
	Art Unit	1645	
	Examiner Name	Ford, Vanessa L.	
Total Number of Pages in This Submission	139	Attorney Docket Number	087-999

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Cited References Return Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John M. Naber (Reg. No. 46,487)
Signature	
Date	June 3, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Trudy Meade
Signature	
Date	6/3/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: W. James Jackson, et al Confirmation No.: 5261

Serial No. 09/677,752 Art Unit: 1645

Filed: 10/03/2000 Examiner: Ford, Vanessa L.

For: *Chlamydia* Protein, Gene Sequence and Uses Thereof Atty Docket No.: 087-999

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicant hereby direct the Examiner's attention to the References CE - CQ listed on the attached revised PTO-1449 form.

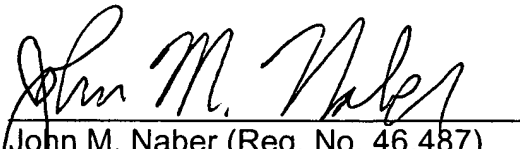
Applicant respectfully requests that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

As this statement is being submitted under 37 C.F.R. § 1.97(b)(4), before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

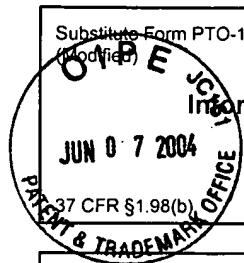
Respectfully submitted,

Dated: 3 June 2004

By:


John M. Naber (Reg. No. 46,487)
Foster, Swift, Collins & Smith, P.C.
313 South Washington Square
Lansing, MI 48933
(517) 371-8100 telephone/(517)371-8200 fax

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 087-999	Application No. 09/677,752
Information Disclosure Statement by Applicant (Use several sheets if necessary)				Applicant W. James Jackson	
				Filing Date 10-03-2000	
37 CFR §1.98(b)				Group Art Unit 1645	



U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CE	US 5,965,141	10-12-1999	Briles et al			
	CF	US 5,976,544	11-02-1999	Charles et al			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CG	Deslauriers, et al, Identification of Murine Protective Epitopes on the <i>Porphyromonas gingivalis</i> Fimbrillin Molecule, Infection and Immunity, 64:434 (1996)
	CH	Ji, et al, Intranasal Immunization with C5a Peptidase Prevents Nasopharyngeal Colonization of Mice by the Group A <i>Streptococcus</i> , Infection and Immunity, 65:2080 (1997)
	CI	Nilsson, et al, Vaccination with a Recombinant Fragment of Collagen Adhesin Provides Protection against <i>Staphylococcus Aureus</i> -mediated Septic Death, J. Clin. Invest., 101:2640 (1998)
	CJ	Sexton, et al, Vaccination of Sheep Against Fasciola Hepatica with Glutathione S-transferase. Identification and Mapping of Antibody Epitopes on a Three-Dimensional Model of the Antigen, J. Immunology, 152:1861 (1994)
	CK	Tanzer, et al, Characterization of Outer Membrane Proteins in <i>Chlamydia trachomatis</i> LGV Serovar L2, J. Bacteriology, 183:2686 (2001)
	CL	Exner, et al, Protection Elicited by Native Outer Membrane Protein Oms66 (p66) against Host-Adapted <i>Borrelia burgdorferi</i> : Conformational Nature of Bactericidal Epitopes, Infection and Immunity, 68:2647 (2000)
	CM	Grimwood, et al, Expression of <i>Chlamydia pneumoniae</i> Polymorphic Membrane Protein Family Genes, Infection and Immunity, 69:2383 (2001)
	CN	Christiansen, et al, Potential Relevance of <i>Chlamydia pneumoniae</i> Surface Proteins to an Effective Vaccine, J. Infectious Diseases, 181(Suppl 3):S528 (2000)
	CO	Stothard, et al, Polymorphic Membrane Protein H Has Evolved in Parallel with the Three Disease-Causing Groups of <i>Chlamydia trachomatis</i> , Infection and Immunity, 71:1200 (2003)
	CP	Mygind, et al, Membrane Proteins PmpG and PmpH are Major Constituents of <i>Chlamydia trachomatis</i> L2 Outer Membrane Complex, FEMS Microbiol Lett., 186(2):163 (2000)
	CQ	Hou, et al, Conformational Epitopes Recognized by Protective Anti-Neisserial Surface Protein A Antibodies, Infection and Immunity, 71(12):6844 (2003)

Examiner Signature	Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	